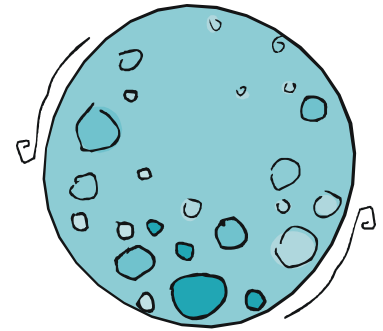


# **Is Pluto a Planet?**

By: National Geographic Kids (Adapted by Have Fun Teaching)

Many people are saying that Pluto is no longer a planet. Are they right? Is Pluto no longer a planet? There's debate in the scientific world about this issue. National Geographic News says that, according to the International

Astronomical Union, a full-fledged planet is an object that orbits the sun and is large enough to have become round due to the force of its own gravity. Because Pluto doesn't meet these standards, the IAU classifies Pluto as a dwarf planet.



Not everyone agrees that this is a good way to decide, though. Andy Cheng, a planetary scientist at Johns Hopkins University, says that the new rules aren't clear enough and asks the question "how round is round? ...I'll still continue to maintain that Pluto is a planet," he said.

Owen Gingerich is an astronomer and historian at Harvard University in Cambridge, Massachusetts, and head of the IAU committee proposing the definition. He favored a special distinction for Pluto. Gingerich supported a proposal to call the big eight planets classical planets—as opposed to just plain "planets"—and Pluto and the others dwarf planets, so there would be two classes of planets. He believes that reclassifying Pluto as a dwarf planet is not "sensitive to the historical and cultural role that Pluto has played."

The argument continues. In the meantime, however, many people are correct—new textbooks will list Pluto as being a dwarf planet. What do you think it is?

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Read the story. Use the information in the story to answer the questions below.

1. According to the IAU, what classifies Pluto as a dwarf planet?
  - A. It is smaller than the other planets
  - B. It does not orbit the sun
  - C. It is not large enough to become round due to the force of its own gravity
  - D. Both B and C
2. What does IAU stand for?
  - A. International Association of the Universe
  - B. Intergalactic Association Union
  - C. International Astronomical Union
  - D. International House of Pancakes
3. What does Andy Cheng think about the IAU's definition of a planet?
  - A. He thinks the IAU is not clear enough about the roundness of a planet
  - B. He thinks that Pluto is not a planet
  - C. He thinks that Pluto is not round enough to be considered a planet
  - D. He thinks the IAU gives a clear definition of a planet
4. What did Owen Gingerich support?
  - A. A proposal to call the eight planets "planets"
  - B. A proposal to call the eight planets "dwarf planets"
  - C. A proposal to call the eight planets "classical planets"
  - D. A proposal to call Pluto a "classical planet"
5. What is the Author's Purpose of this article?
  - A. To inform the reader
  - B. To tell a story
  - C. To persuade the reader
  - D. To expose the beliefs of the author